here a program to convert a given valid parenthesized infine arithme expression to post on expression. The expression consists of single charge expression and the binary operator (+) plus, (-) minus (*) moltiply.

(/) divide and Apower #Include < stolio.h > # include < (type-h> #include < string. h > # include <stalib-h > # define MAX 100 Char St CMAY J INT fop =- 1; void push (char st [], (har):

Char pop (char st []):

Void Infinito Postfisi (char source [], that target []) int get pri (chai): Void main () Char infier [100], post fine [100];

points ["Enter any infra expression \n");

gets Lingion;

Strapy (postfin, ""); prints (post jou);

post fine corresponding post fine capression is: \n");

puts (post jou); void Injecto Postfish [char source (), char target []) int 1-0/1-0;

1	0	0	ŗ	Ç	11	i
6						
No.						

while (source (1) 1= 1 10 .) il (source [i] = = '(') push (st, source (i)); itt i clse if (Source Ci] ==)

then trup,

tropy (target, "");

while (top! = -1) && (st Ctop]! = 'L')

target [] =pap (st);

Prints ("In Incorrect Expression"):

temp = pop(st);

else if Lisdigit (Source (i)) Il is alpha (Source (i))

torget [] = source [i]

else if (source (i) = = " | Source (i) = = ' - ' | Source (i)

pate: / E & IN Il Source [I] = E / / 11 Source CIJ = E'A. course (class=1) & Cot Ctop] = (') & &

(gotpri(st Ctop)) > (get pri (source (i))) torget []] = pop(st) push (st, source [i]) part (1); cuit (1); white C(top) ==-1) 22 (of Ctop 31=2) tanget ()] = 10° int get pri (charap) else if (09 == 1/1 11 09 == 10

pupergrid Date: / return 1; (1st if Cop = = 1 1 1 op = = 1 - 6) return 0 void push (that st. [], that val) 1 ftop == MAX-1) prints (" In Stack Overflow"); st [top] = val; chaur pop (char st(7) if (top = = -1)

printf ("In Stack underflow");
else val = st[top]; Ortput. Enter my infine expression (AB-CD+)*